

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| L1 | 51 | 382/106,154.ccls. and (determin\$4 locat\$4) near5 (primary main) and (mark\$4 fiducial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/08 20:11 |
| L2 | 64 | (determin\$4 calculat\$4) with (normal near vector) with (pose (orientation and (location position)) fiducial marker) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/08 20:11 |
| L3 | 242 | 382/106,154.ccls. and (((position location) and (orientation)) pose) near3 object and (plane planar) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/08 20:11 |
| L4 | 50 | (determin\$4 calculat\$4) with (normal) with (pose fiducial) and image | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/08 20:11 |
| L5 | 10 | 356/12-14.ccls. and (((position location) and (orientation)) pose) near5 object near5 (calculat\$4 comput\$4 determin\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/08 20:11 |
| L6 | 19 | 348/42-60.ccls. and (determin\$4 locat\$4 find\$4) near5 (primary main larg\$4 bigg\$4) near5 (mark\$4 fiducial point\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/08 20:11 |
| L7 | 19 | (roy near hashimoto). inv. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/08 20:12 |

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|----|------|--|---|----|----|---------------------|
| L8 | 1 | (region and multiple and fiducial and pattern and grid and main and calculating and parameter and pose and 5D and center and difference). cfm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/08 20:12 |
| L9 | 170 | 345/419-427.ccls. and (((position location) and (orientation)) pose) near5 object near5 (calculat\$4 comput\$4 determin\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/08 20:21 |
| S1 | 1544 | 382/154.ccls. and (fiducial point marker) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/06 20:25 |
| S2 | 245 | 382/154.ccls. and (fiducial marker) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/26 23:00 |
| S3 | 245 | 382/154.ccls. and (fiducial marker) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 19:09 |
| S4 | 2 | "20030137510".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 19:08 |
| S5 | 13 | lieu.xa. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 19:09 |
| S6 | 6 | 382/154.ccls. and kosaka.inv. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 20:56 |

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|-----|-----|--|---|----|----|---------------------|
| S7 | 391 | pose near estimation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 21:12 |
| S8 | 0 | "10603135".ap. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 21:14 |
| S9 | 2 | "20040258306".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 21:14 |
| S10 | 318 | 382/154.ccls. and (((position location) and (orientation)) pose) with object | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 19:33 |
| S11 | 344 | 382/106,154.ccls. and (((position location) and (orientation)) pose) with object | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 14:38 |
| S12 | 216 | 382/106,154.ccls. and (((position location) and (orientation)) pose) near3 object | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 14:38 |
| S13 | 181 | 382/106,154.ccls. and (((position location) and (orientation)) pose) near3 object and plane | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 19:34 |
| S14 | 185 | 382/106,154.ccls. and (((position location) and (orientation)) pose) near3 object and (plane planar) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 14:39 |

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|-----|------|--|---|----|----|---------------------|
| S15 | 185 | 382/106,154.ccls. and (((position location) and (orientation)) pose) near3 object and (plane planar) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 21:43 |
| S16 | 2 | "20040258306".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 19:39 |
| S17 | 125 | 382/106,154.ccls. and (((position location) and (orientation)) pose) with object and (plane planar) with (normal perpendicular vector) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 22:33 |
| S18 | 7 | 382/106,154.ccls. and (determin\$4 calculat \$4) with (normal vector) with (fiducial marker mark) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 22:12 |
| S19 | 2798 | (determin\$4 calculat \$4) with (normal vector) with (fiducial marker mark) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 22:13 |
| S20 | 29 | (determin\$4 calculat \$4) with (normal vector) with (fiducial marker mark) with (pose (orientation and (location position))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 22:21 |
| S21 | 4264 | (determin\$4 calculat \$4) with (normal vector) with (pose (orientation and (location position)) fiducial marker mark) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 22:26 |
| S22 | 2928 | (determin\$4 calculat \$4) with (normal vector) with (pose fiducial marker mark) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 22:22 |

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|-----|------|--|---|----|----|---------------------|
| S23 | 1419 | (determin\$4 calculat \$4) with (normal) with (pose fiducial marker mark) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 22:25 |
| S24 | 109 | (determin\$4 calculat \$4) near3 (normal) near3 (pose fiducial marker mark) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 22:22 |
| S25 | 643 | (determin\$4 calculat \$4) with (normal) with (pose fiducial marker mark) and image | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 22:25 |
| S26 | 34 | (determin\$4 calculat \$4) with (normal) with (pose fiducial) and image | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 22:25 |
| S27 | 59 | (determin\$4 calculat \$4) with (normal near vector) with (pose (orientation and (location position)) fiducial marker mark) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 22:27 |
| S28 | 52 | (determin\$4 calculat \$4) with (normal near vector) with (pose (orientation and (location position)) fiducial marker) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 22:27 |
| S29 | 24 | 382/106,154.cds. and (normal near vector) and (marker fiducial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 23:04 |
| S30 | 7 | (calculat\$6 determin \$6) with (normal near vector) same (marker fiducial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 23:07 |

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|-----|------|---|---|----|----|---------------------|
| S31 | 195 | (calculat\$6 determin\$6) with (normal near vector) and (marker fiducial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 23:12 |
| S32 | 895 | (calculat\$6 determin\$6) with (normal) with (marker fiducial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/29 23:13 |
| S33 | 30 | (normal near2 vector) with (marker fiducial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/30 12:25 |
| S34 | 4571 | (plane plnar) with (marker fiducial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/30 12:25 |
| S35 | 5450 | (plane planar) with (marker fiducial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/30 12:25 |
| S36 | 320 | coordinate with (plane planar) with (marker fiducial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/30 12:26 |
| S37 | 492 | (plane planar) with (marker fiducial) and (((three near dimensional) "3D" 3D) near3 image) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/30 12:27 |
| S38 | 239 | (plane planar) near3 (marker fiducial) and (((three near dimensional) "3D" 3D) near3 image) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/30 12:29 |

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| S39 | 16 | (plane planar) near3 (marker fiducial) and 382/106,154.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/30 12:29 |
| S40 | 44 | (plane planar) with (marker fiducial) and 382/106,154.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/30 12:29 |
| S41 | 44 | (plane planar) with (marker fiducial) and 382/106,154.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/30 20:27 |
| S42 | 5523 | (orient\$5 rotation rotating rotate) near4 (fiducial marker) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/30 20:38 |
| S43 | 957 | (orient\$5 rotation rotating rotate) near4 (fiducial marker) and (pose (three near2 dimension) "3D") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/30 20:38 |
| S44 | 585 | (orient\$5 rotation rotating rotate) near2 (fiducial marker) and (pose (three near2 dimension) "3D") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/30 20:39 |
| S45 | 425 | (orient\$5 rotation rotating rotate) near2 (fiducial marker) and (pose (three near2 dimension) "3D") and image | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/30 20:39 |
| S46 | 130 | (orient\$5 rotation rotating rotate) near2 (fiducial marker) and "382"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/30 20:50 |

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| S47 | 8 | (orient\$ rotation rotating rotate) near2 (fiducial marker) and 382/154.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/30 20:55 |
| S48 | 111 | (shape near2 shape) and 382/154.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/30 20:56 |
| S49 | 387 | (shape near2 object) and 382/154.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/30 20:56 |
| S50 | 641 | determin\$ near S42 (shape near2 object) and 382/154.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/30 20:56 |
| S51 | 48 | determin\$ near2 (shape near2 object) and 382/154.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/30 22:29 |
| S52 | 2 | "6101455".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/30 22:29 |
| S53 | 28 | ("4238828" "4412121" "4639878" "4645348" "4672562" "4675502" "4753569" "4942539" "4979815" "5321353" "5329469" "5513276" "5666202").PN. OR ("6101455").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/30 22:29 |

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|-----|------|---|---|----|----|---------------------|
| S54 | 0 | 382/106,154.ccls and (mark\$4 fiducial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/06 12:45 |
| S55 | 964 | 382/106,154.ccls. and (mark\$4 fiducial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/06 12:45 |
| S56 | 2023 | 382/106,154.ccls. and (mark\$4 fiducial point \$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/06 12:45 |
| S57 | 55 | 382/106,154.ccls. and (determin\$4 locat\$4 find\$4) near5 (primary main larg\$4 bigg\$4) near5 (mark\$4 fiducial point\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 19:38 |
| S58 | 2 | 382/106,154.ccls. and (determin\$4 locat\$4) near5 (primary main) near5 (mark\$4 fiducial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/06 13:04 |
| S59 | 44 | 382/106,154.ccls. and (determin\$4 locat\$4) near5 (primary main) and (mark\$4 fiducial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/06 13:04 |
| S60 | 3 | "6901161".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/06 20:25 |
| S61 | 56 | determin\$5 near2 (shape near2 object) and 382/154.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/06 21:27 |

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|-----|-----|---|---|----|----|---------------------|
| S62 | 203 | 382/106,154.ccls. and (((position location) and (orientation)) pose) near3 object and plane | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/06 21:27 |
| S63 | 305 | 382/154.ccls. and (fiducial marker) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 19:25 |
| S64 | 262 | 382/106,154.ccls. and (((position location) and (orientation)) pose) near3 object | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 19:26 |
| S65 | 495 | pose near estimation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 19:26 |
| S66 | 216 | 382/106,154.ccls. and (((position location) and (orientation)) pose) near3 object and plane | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 19:26 |
| S67 | 9 | 382/106,154.ccls. and (determin\$4 calculat \$4) with (normal vector) with (fiducial marker mark) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 19:26 |
| S68 | 26 | 382/106,154.ccls. and (normal near vector) and (marker fiducial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 19:32 |
| S69 | 132 | (shape near2 shape) and 382/154.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 19:27 |

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|-----|-----|--|---|----|----|---------------------|
| S70 | 47 | 382/106,154.ccls. and (determin\$4 locat\$4) near5 (primary main) and (mark\$4 fiducial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 20:47 |
| S71 | 92 | 345/419-427.ccls. and (normal near2 vector) and (marker fiducial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 19:33 |
| S72 | 926 | 345/419-427.ccls. and (((position location) and (orientation)) pose) with object | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 19:33 |
| S73 | 426 | 345/419-427.ccls. and (((position location) and (orientation)) pose) near3 object and plane | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 19:34 |
| S74 | 160 | 345/419-427.ccls. and (((position location) and (orientation)) pose) near5 object near5 (calculat\$4 comput\$4 determin\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 19:37 |
| S75 | 10 | 356/12-14.ccls. and (((position location) and (orientation)) pose) near5 object near5 (calculat\$4 comput\$4 determin\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 19:37 |
| S76 | 19 | 348/42-60.ccls. and (determin\$4 locat\$4 find\$4) near5 (primary main larg\$4 bigg\$4) near5 (mark\$4 fiducial point\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 19:43 |
| S77 | 1 | (region and multiple and fiducial and pattern and grid and main and calculating and parameter and pose and 5D and center and difference). cdm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 19:45 |

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|-----|----|--|---|----|----|---------------------|
| S78 | 18 | (roy near hashimoto). inv. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 19:45 |
| S79 | 32 | 382/106,154.ccls. and (cross near2 product) and (mark\$4 fiducial) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/01 20:49 |

11/ 8/ 2008 8:21:31 PM

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